

Appl. No. 09/744,536
Supplementary Amendment

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (currently amended) A method for transmitting service data in telecommunication systems with wireless telecommunication based on a predefined radio interface protocol between telecommunication devices, comprising the steps of:

~~transmitting said service data in protocol data units predefined by said radio interface protocol, wherein said protocol data comprises a plurality of protocol data units;~~

~~transmitting a said service data within said protocol data, wherein the service data comprises a plurality of service data units, and wherein each service data unit corresponds at least in part to a free part of a respective unit configured at least as a fragment in each protocol data unit independently of the size of said service data unit, which is configured at least as a fragment, in comparison with the size of a free part of said each protocol data unit which is in each case not yet occupied by service data;~~

~~allocating first information items to the protocol data units, wherein the first information items specify specifying, in each case, a respective service data length, which differs from the value "zero", of a respective said of corresponding service data units, said first information items each having a value that is different from "zero", configured at least as a fragment, by a first information item allocated to said protocol data unit;~~

~~allocating second information items to the protocol data units, wherein the second information items specify specifying, in each case, an a respective end of said respective corresponding service data units by a second information item allocated to said protocol data unit;~~

~~allocating third information items to the protocol data units, wherein the third information items specify specifying, in each case, a respective non-end of said respective corresponding service data units by a third information item allocated to said protocol data unit, and~~

~~specifying or allocating a fourth information item, corresponding to the value "zero" of the service data length to said a respective end protocol data unit, together with said a~~

BEST AVAILABLE COPY

Appl. No. 09/744,536
Supplementary Amendment

respective second information item in said end protocol data unit when said transmission of service data is ended at least temporarily.

Claim 2. (currently amended) The method as claimed in Claim 1, further comprising the step of transmitting ~~in a protected manner~~ said service data in a protected manner.

Claim 3. (currently amended) The method as claimed in Claim 1, further comprising the steps of arranging said ~~a first information item, said second information item and said third information item~~ in front of said ~~a respective service data unit, which is at least configured as a fragment, in said respective protocol data unit, and arranging a second or third information item at the end of the respective service data unit.~~

Claim 4. (previously presented) The method as claimed in Claim 1, wherein said second information item consists of the value "0" of a bit and said third information item consists of the value "1" of the bit.

Claim 5. (previously presented) The method as claimed in claim 1, wherein said data in telecommunication system is voice or packet data in DECT systems.

Claim 6. (previously presented) The method as claimed in claim 1, wherein said service data is ended at least temporarily within said protocol data unit.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.